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Form PTO-1449 U.S. Department of Commerce Atty. Docket No. Serial No. Patent and Trademark Office 60390-G/JPW/GJG/JBC 09/728,616 Applicants: Arlindo L. Castelhano, et al INFORMATION DISCLOSURE CITATION Filing Date (Use several sheets if necessary) Group December 1, 2000 1623 **U.S. PATENT DOCUMENTS** Examiner Document Number Date Class Name Subclass Filing Date Initial if Appropriate 20 02 00 28 3/7/02 Castelhano et al. 02 00 58 5/16/02 Castelhano et al. 03 00 36 5 2/20/03 Castelhano et al. 20 03 00 45 5 3/6/03 Castelhano et al. 03 00 73 7 4/17/03 Castelhano et al. FOREIGN PATENT DOCUMENTS Document Number Date Translation Country Class Subclass Yes 7/27/95 PCT (Exhibit 1). OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

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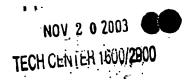
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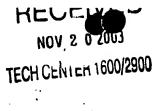


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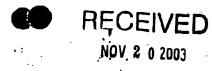




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Form PTO-1449 U.S. Department of Commerce Atty. Docket No. Serial N . Patent and Trademark Office 60390-G/JPW/GJG/JBC 09/728.616 Applicants: Arlindo L. Castelhano, et al. INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Filing Date Group December 1, 2000 U.S. PATENT DOCUMENTS Date Class Subclass Document Number Name Filing Date Initial f Appropriate 7/8/97 Jacobson, et al. (Exhibit 81); 7/14/98 Jacobson, et al. (Exhibit 82): 10/7/75 Kim, et al. (Exhibit 83) FOREIGN PATENT DOCUMENTS . Date **Document Number** Class Subclass Country Translation Yes wo 1/27/00 PCT (Exhibit 84); OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Abbracchio M., et al., (1999) "Brain Adenosine Receptors as Targets for Therapeutic Intervention in Neurodegenerative Diseases", Ann. NY. Acad. Sci, 890: 79-92 (Exhibit 85); Abbracchio M., et al., (1997) "Modulation of Apoptosis by Nervous System: a Possible Role for the A, Receptor", Ann. NY. Acad. Sci., 825: 11-22 (Exhibit 86); Baraldi P., et al., (2000) "New potent and selective human adenosine A, receptor antagonists", Tips, 21: 456-459 (Exhibit 87); Brand A., et al., (2001) "Adenosine A1 and A3 receptors mediate inhibition of synaptic transmission in rat cortical

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(1): 62 (Exhibit 89)

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

neurons", Neuropharmacology, 40: 85-95 (Exhibit 88); Casavola V., et al., (1998) "Adenosine A3 receptor

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Page I of I Serial No. Form PTO-1449 U.S. Department of Commerce Atty. Docket No. Patent and Trademark Office 60390-G/JPW/GJG/JBC 09/728,616 Applicants: Arlindo L. Castelhano, et al. INFORMATION DISCLOSURE CITATION Group Filing Date (Use several sheets if necessary) December 1, 2000 1623 U.S. PATENT DOCUMENTS Subclass Filing Date Examiner Document Number Date Class Name if Appropriate Initial FOREIGN PATENT DOCUMENTS Translation Date Subclass Document Number Country Class Yes OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Campbell, R.M. et al., "Selective A1-Adenosine Receptor Antagonists Identified Using Yeast Saccharomyces Cerevisiae Functional Assays" Bioorg. & Med. Chem. Lett. (1999) 9(16): 2413-2418 (Exhibit 1); Zhao, Z. et al., "Bioactivation of 6,7-Dimethyl-2,4-di-1-pyrrolidinyl-7H-pyrrolo[2,3-d]pyrimidine (U-89843) to Reactive Intermediates that Bind Covalently to Macromolecules and Produce Genotoxicity" Chem. Res. Toxicol., (1996) 9: 1230-1239 (Exhibit 2); and Dhainaut, A. et al., "New Purines and Purine Analogs as Modulators of Multidrug Resistance" J. Med. Chem. (1996) 39: 4099-4108 (Exhibit 3).

EXAMINER

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